

AMENDMENTS TO THE CLAIMS

Please amend claims 13 and 29.

Pursuant to 37 C.F.R. § 1.121 the following listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of the Claims:

Claims 1-12 (Canceled)

Claim 13 (Currently Amended): A method for transmitting measured information from a measuring computer to a control computer of a measuring system, the measuring computer and the control computer being interconnected via a telecommunications network, the method comprising:

transmitting a plurality of measurement packets to the measuring computer so as to provide measured data including a plurality of respective one-way delay measurements;

combining the measured data into an aggregation of characteristic values, wherein the aggregation has having a lower volume than the measured data, ~~the characteristic values including and includes~~ at least two ~~one~~ of a mean one-way delay, a maximum one-way delay, and a minimum one-way delay, a standard deviation of a one-way delay, a mean IP delay variation, a maximum IP delay variation, a standard deviation of an IP delay variation, a packet loss, and a packet throughput over a time interval;

associating the characteristic values with a time of the combining; and

transmitting the aggregation ~~characteristic values~~ from the measuring computer to the control computer.

Claim 14 (Previously Presented): The method as recited in claim 13 wherein the telecommunications network includes at least one of an internet and an intranet.

Claim 15 (Previously Presented): The method as recited in claim 13 wherein the measured data includes a plurality of measurement parameters, and wherein the combining is performed according to the respective measurement parameters.

Claim 16-17 (Canceled)

Claim 18 (Previously Presented): The method as recited in claim 13 further comprising determining the time interval as a function of a measuring method.

Claim 19 (Previously Presented): The method as recited in claim 13 wherein the measuring system includes a second measuring computer and wherein measurement packets are transmitted between measuring computer and the second measuring computer.

Claim 20 (Previously Presented): The method as recited in claim 19 wherein the measurement packets include User Datagram Protocol measurement packets.

Claim 21 (Previously Presented): The method as recited in claim 19 wherein the characteristic values include a sum of all packets lost and a maximum of all successively occurring packet losses, and

further comprising determining the sum of all packets lost and the maximum of all successively occurring packet losses during a detection of measurement packet losses in a time interval.

Claim 22 (Previously Presented): The method as recited in claim 19 wherein the measured data includes unidirectional transmission characteristics.

Claim 23 (Previously Presented): The method as recited in claim 19 wherein the combining and transmitting are performed using the measuring computer, and wherein the measuring computer functions as a receiver and the second measuring computer functions as a sender.

Claim 24-28 (Cancelled)

Claim 29 (Currently Amended): A measuring system comprising:

a control computer; and

a measuring computer interconnected with the control computer via a telecommunications network, the measuring computer being configured to:

~~transmit~~ ~~transmitting~~ a plurality of measurement packets to the measuring computer so as to provide measured data including a plurality of respective one-way delay measurements;

~~combine~~ ~~combining~~ the measured data into an aggregation of characteristic values, wherein the aggregation has ~~having~~ a lower volume than the measured data, ~~the characteristic values including and includes~~ at least two ~~one~~ of a mean one-way delay, a maximum one-way delay, ~~and a~~ minimum one-way delay, a standard deviation of a one-way delay, a mean IP delay variation, a maximum IP delay variation, a standard deviation of an IP delay variation, a packet loss, and a packet throughput over a time interval;

associate the characteristic values with a time of the combining; and

transmit the aggregation ~~characteristic values~~ to the control computer.

Claim 30 (Previously Presented): The measuring system as recited in claim 29 wherein the telecommunications network includes at least one of an internet and an intranet.

Claim 31 (Previously Presented): The measuring system as recited in claim 29 wherein the measured data includes a plurality of measurement parameters, and wherein the combining is performed according to the respective measurement parameters.

Claim 32 (Canceled)